

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/065557 A1

(51) International Patent Classification⁷: **A61B 17/68**

(21) International Application Number:
PCT/AU2005/000013

(22) International Filing Date: 7 January 2005 (07.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004900432 8 January 2004 (08.01.2004) AU
2004900460 3 February 2004 (03.02.2004) AU

(71) Applicant and

(72) Inventor: **ALLISON, David, Mark** [AU/AU]; 97
Fauntleroy Avenue, Redcliffe, Western Australia 6104
(AU).

(74) Agent: **GRIFFITH HACK**; Level 6, 256 Adelaide Ter-
race, Perth, Western Australia 6000 (AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

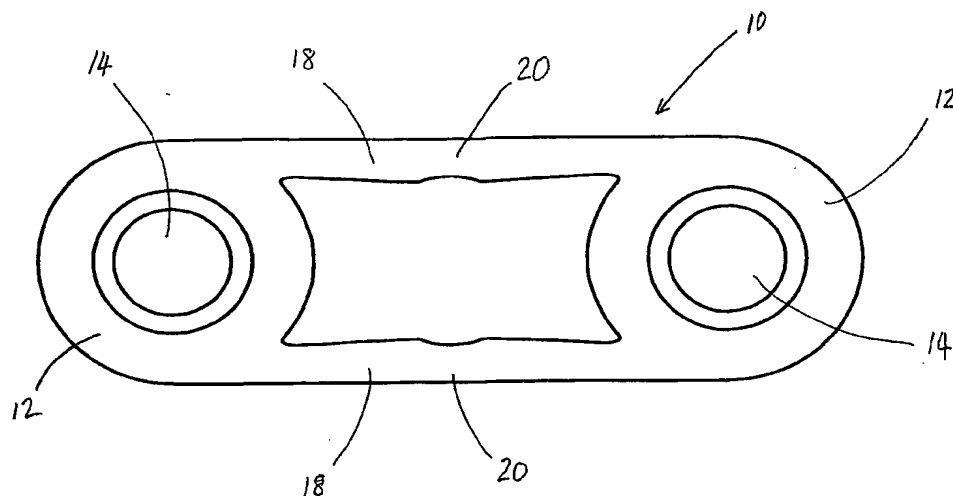
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: BONE FIXING DEVICE



(57) Abstract: A bone fixing device (10) for fixing bone pieces together. The bone fixing device has a pair of spaced apart fixing portions (12), each having at least one hole (14) dimensioned such that a bone screw can extend there through; and a pair of substantially rigid connecting members (18) extending between the fixing portions, the connecting members being deformable without substantially losing rigidity. In use, each fixing portion is fixed to one or more of the bone pieces by a respective one of the bone screws such that the connecting members extend across one or more fissures between the bone pieces. The connecting members are simultaneously deformed such that the fissures are closed with the bone pieces held in compression.

WO 2005/065557 A1